

~~MANEYICH~~

The 39th conference of the International Labor Organization. Sots.
trud.no.9:32-43 S '56. (MIRA 9:12)
(International Labor Organization)

Ye. L. Manevich

AUTHOR: Shtyl'ko, A.

25-9-33/40

TITLE: A Book About Our Native Country (Kniga o nashey rodine)

PERIODICAL: Nauka i Zhizn', 1957, # 9, p 61 (USSR)

ABSTRACT: The article deals with the standard work on contemporary Russia, "Sovetskiy Soyuz" ("Soviet Union") published by the State Publishing House on the occasion of the 40th anniversary of the October Revolution. The book is composed of a series of articles contributed by Professors A.I. Denisov, F.P. Koshelev, Ye.L. Manevich, M.P. Kim and several candidates of historical sciences. It gives an account of the achievements of science in developing industry, agriculture and economy of the USSR. It tells about the constitution of the Soviet Union, the rights of the Soviet citizen and the social structure of the state. Much space is devoted to tell the reader about the progress in all branches of the industry under Communist leadership. Another section deals with "Living Conditions of the People" where details are given on the improved living conditions of the workers and on the efforts the government is making to raise the social and cultural level of the citizens. The book is well illustrated and worth reading.

AVAILABLE:
Card 1/1

Library of Congress

MANEVICH, Yefim L'vovich; PISKUNOV, V., red.; DANILINA, A., tekhn.red.

[Living standards of the Soviet people] Zhiznennyi uroven'
sovetskogo naroda. Moskva, Gos.izd-vo polit.lit-ry, 1959.
(MIRA 12:12)

93 p.

(Labor and laboring classes)

MANEVICH, Ye.

Principle of private material self-interest and wages in the
U.S.S.R. Vop.ekon. no.1:35-47 Ja '59. (MIRA 12:1)
(Wages)

MANEVICH, Ye.

Liquidation of contrasts and differences between intellectual
and manual work. Sots.trud 4 no.5:21-32 № '59.
(MIRA 12:8)

(Work) (Manual labor)

MANEVICH, Yefim L'vovich, doktor ekonom. nauk, prof.; TOVMOSYAN, M.Ye.,
red.; NAZAROVA, A.S., tekhn. red.

[Mental and physical work] Trud umstvennyi i trud fizicheskii v pe-
riod razvernutoho stroitel'stva kommunizma. Moskva, Izd-vo
"Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniu
politicheskikh i nauchnykh znani. Ser.3, Ekonomika, no.19)
(MIRA 14:11)

(Work)

MANEVICH, Ye.

The economic stimulation of labor and forms of the transition to
communist distribution. Vop.ekon. no.5:76-85 My '61. (MIRA 14:5)
(Wage payment systems) (Communism)

KASITSKIY, I.; MANEVICH, Ye.; ZVEREV, A.; KAPUSTIN, Ye.;
NEMCHINOV, V., akademik; VOROB'YEVA, A.; YEVSTAF'YEV, G.;
SHAKHURIN, A.; KOSYACHENKO, G.; PLOTNIKOV, K.; AL'TER, L.;
ROTSHTEYN, L.; SPIRIDONOVA, N.; MASLOVA, N.; RUSANOV, Ye.;
KAPITONOV, B.; ZULIYEV, T.; GATOVSKIY, L.

Problems of the economic stimulation of enterprises.
Vop. ekon. no.11:87-142 N 62. (MIRA 15:11)

1. Komitet Vsesoyuznogo soveta nauchno-tekhnicheskikh obshchestv po ekonomike i organizatsii proizvodstva (for Kasitskiy).
2. Institut ekonomiki AN SSSR for Manivich, Zverev, Vorob'yeva, Yevstaf'yev, Shakhurin, Plotnikov, Maslova, Rusanov, Kapitonov).
3. Nauchno-issledovatel'skiy institut truda (for Kapustin).
4. Nauchno-issledovatel'skiy finansovyy institut (for Kosyachenko).
5. Nauchno-issledovatel'skiy ekonomicheskii institut Gosudarstvennyy nauchno-ekonomicheskogo soveta Soveta Ministrov SSSR (for Al'ter).

(Continued on next card)

KASITSKIY, I.—(continued) Card 2.

6. Gosudarstvennyy nauchno-ekonomicheskiy sovet Soveta Ministrov SSSR (for Rotshteyn).
7. Moskovskiy gosudarstvennyy universitet (for Spiridonova).
8. Azerbaydzhanskiy gosudarstvennyy universitet imeni S.M. Kirova (for Kuliyeu).
9. Predsedatel' Nauchnogo soveta po khozyaystvennomu raschetu i material'nomu stimulirovaniyu proizvodstva, chlen-korrespondent AN SSSR (for Gatovskiy).
 - (Industrial management)
 - (Incentives in industry)

KASIMOVSKIY, Ye.V.; BRAGINSKIY, B.I.; BUKHANEVICH, B.A.; MANEVICH,
Ye.I.; SHKURKO, S.I.; KAPUSTIN, Ye.I.; MAYYER, V.F.;
MIL'NER, G.V.; GOTLOBER, V.M.; CHUFAROVA, G.P.;
RIMASHEVSKAYA, N.M.; MARKOV, V.I.; MIRKIN, V.D.; FILIPPOV,
V.V., red.

[Problems of labor economics] Problemy ekonomiki truda. Mo-
skva, Ekonomika, 1965. 309 p. (MIRA 18:8)

GORSKIY, Yu.M., inzh.; MANEVICH, Ye.M., inzh.

Transistorized phase telemetering device with a magnetic attachmant.
Elek.sta. 33 no.2:75-83 F '62. (MIRA 15:3)
(Telemetering)

MANEVICH, Ye.N.; ZHAROVIN, V.P.

Unit for the utilization of the physical heat of waste waters after
the ammonia column. Koks i khim. no.4:47 '61. (MIRA 14:3)

1. Leningradskiy koksogazovyy zavod.
(Coke industry—By-products) (Sewage—Purification)

MANEVICH, Ye.N.

Utilization of the physical heat of coke gas during its flow through
coke-oven standpipes. Koks i khim. no.11:39 '60. (MADA 13:11)

1. Leningradskiy koksogazovyy zavod.
(Leningrad--Coke-oven gas)

MANEVICH, Ye.N., inzh.

Use of secondary power resources in the Leningrad coke oven
gas plant. Prom. energ. 18 no.3:8-10 Mr '63.

(MIRA 16:6)

(Leningrad—Coke—oven gas)

MANEVICH, Z. I.

Telu caureja, tas arstšana un profilakse. Rīga, Latvijas valsts izdevniecība,
1956. 30 p. (Diarrhea in calves, its treatment and prophylaxis)

LA Not in LLC

SC: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 4, 1958

MANEVICH, Z.A., dotsent; VEYIN'SH, E.I. [Vejins, E.], assistant

Nutritional edema of baby pigs and therapuetic effectiveness of
calcium chloride. Veterinariia 38 no.1:39-40 Ja '61.

(MIRA 15:4)

1. Latviyskaya sel'skokhozyaystvennaya akademiya.
(Swine---Diseases and pests) (Edema)
(Calcium chloride---Therapuetic use)

MANEVICH-KOZLOVA, L. A., Cand Med Sci -- (diss) "Comparative view of the clinical aspect of histostructure of endemic goiter in the Central Urals and the most important goiter foci of the USSR." Sverdlovsk, 1960. 20 pp; (Sverdlovsk State Medical Inst); 200 copies; price not given; (KL, 28-60, 165)

GEORGIEVSKI, H., Dr.; PANOV, G.; MANEVSKI, T.

Effect of housing conditions on health. Higijena, Beogr. 7 no.1-4:
450-457 1955.

1. Centralni higijenski zavod, Skoplje.
(HOUSING
eff. of housing cond. on health (Ser))
(HEALTH,
same)

MANEVSKIY, A.D.; KHEKHLOVSKAYA, N.S., redaktor; BITSENKO, M.A., tekhnicheskiiy redaktor.

[Exhibitions at the club] Vystavki v klube. Izd.2-oe, perer.
Moskva, Gos.izd-vo kul'turno-prosvetitel'noi lit-ry. 1952. 49 p.
(Exhibitions) (MLRA 8:11)

TRUBINA, Yelizaveta Il'ichna; MANEVSKIY, A.D., red.; NAZAROVA, A.S.,
tekhn. red.

[Children should love nature] Deti dolzhny liubit' prirodu. Mo-
skva, Izd-vo "Znanie," 1961. 37 p. (Vsesoiuznoe obshchestvo po
rasprostraneniю politicheskikh i nauchnykh znaniy. Ser.11, Peda-
gogika, no.16) (MIRA 14:10)

(Nature study)

ROZANOV, Ivan Grigor'yevich, kand. pedagog. nauk; MANEVSKIY, A.D.,
red.; NAZAROVA, A.S., tekhn. red.

[About young designers, development of creativeness in design
and technology in school children] O iunyykh konstruktorakh;
razvitie konstruktivno-tekhnicheskogo tvorchestva shkol'nikov.
Moskva, Izd-vo "Znanie," 1961. 45 p. (Vsesoiuznoe obshche-
stvo po rasprostraneniю politicheskikh i nauchnykh znaniy.
Ser.11, Pedagogika, no.10) (MIRA 15:2)
(Technical education)

MANEVSKIY, Yevgeniy Stepanovich; MUZYLEV, Vasilii Sergeyevich; MUSHTAKOV,
Nikolay Denisovich; KOLOSOV, S.A., inzhener, redaktor; SIDOROV, N.I.,
redaktor; VERINA, G.P., tekhnicheskii redaktor

[Experience in operating diesel electric railroad power stations]
Opyt obsluzhivaniia dizel'nykh zhileznodorozhnykh elektrostantsii.
Pod obshchei red. S.A.Kolosova. Moskva, Gos. transp. zhel-dor.
izd-vo, 1956. 62 p. (MLRA 9:9)
(Diesel engines) (Electric power plants)

L 11278-63 ENP(q)/ENT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AP3004861

3/0021/63/000/007/0875/0878

AUTHOR: Manevyich, A. I.

TITLE: Optimum design of a stiffened cylindrical shell under uniform external pressure

SOURCE: AN UkrSSR. Dopovidi, no. 7, 1963, 875-878

TOPIC TAGS: cylindrical shell, stiffened cylindrical shell, shell equistability, optimum-design shell, shell stability, buckling stability

ABSTRACT: A medium-length or long cylindrical shell of given thickness, divided axially into sections by frames of different rigidities and subjected to uniform external pressure, is discussed. Identical buckling stability in all sections (between two successive frames or between the face and frame), as related to various modes of buckling, is an indispensable condition for optimal shell design. The differential equations of stability for every section are used as the initial equations, and the determination of the rigidity of single frames for given boundary conditions is discussed on the basis of the method of initial parameters in a matrix form. The rigidity parameters are determined for shells with 1) one

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ACCESSION NR: AP3004861

arbitrarily placed frame, 2) two symmetrically spaced frames, and 3) three equally spaced frames. The possibility is mentioned of attaining equistability by combination of two principles, i.e., those of selecting 1) the spacing (for frames of identical rigidity) and 2) the rigidity of frames (for equal spaces). The article was presented by Academician G. M. Savin, AN USSR. Orig. art. has: 3 figures and 10 formulas.

ASSOCIATION: Dnipropetrovs'ky'y derzhavny'y universy*tet (Dnepropetrovsk State University)

SUBMITTED: 04Jul62

DATE ACQ: 20Aug63

ENCL: 00

SUB CODE: AP

NO REF SOV: 003

OTHER: 000

Card 2/2

MAN'Y, S.

"Competition For A Standardized Plan For Village Houses. p. 5" (ARKHITEKTURA I
STRUKTURELSTVO) Vol. 2, No. 3, 1952, Sofiya, Bulgaria.

SO: Monthly List of East European Accessions L.C. Vol. 2, Nov. 1953, Uncl.

MANEYEV, Aleksey Kliment'yevich; LEBEDEV, T., prof., red.; STRIZHONOK, M.,
red.izd-va; SIDERKO, N., tekhn.red.

[In connection with criticism of the substantiation of the theory
of relativity] K kritike obosnovaniia teorii otnositel'nosti.
Minsk, Izd-vo Akad.nauk BSSR, 1960. 83 p. (MIRA 13:11)
(Relativity (Physics))

MANEYEV, A.K.

V.I.Lenin's views on science and technical progress. Inzh.-fiz.
zhur. no.4:5-10 Ap '60. (MIRA 13:8)
(Science and state) (Industrialization)
(Lenin, Vladimir Il'ich, 1870-1924)

AUTHOR: Maneyev, G.S. (Shuya) 47-6-23/37

TITLE: An Illustration of the Fluidity of Liquids (Illyustratsiya tekuchesti zhidkosti)

PERIODICAL: Fizika v Shkole, 1957, # 6, page 67 (USSR)

ABSTRACT: When dealing at the school with the fluidity of liquids from the point-of-view of molecular-kinetic theory, the following experiment could be used. A can is filled with dry sand. If the grains are given a certain mobility by use of a vibrator, they will be like particles of a liquid. A small weight placed on the surface will sink, while a cork set on the bottom of the can will come up through to the surface of the sand.

The school's electromagnet could be used as a vibrator. Between the armature and the core a small elastic plate is placed (Figure 1). The electromagnet, switched to a.c. will vibrate with a frequency of 100 hertz. There are various ways of fastening the elastic plate as well as the electromagnet to the can.

If this vibrator is connected to a rod, the vibration method of pile driving, as suggested by Professor D.D. Barkan,

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An Illustration of the Fluidity of Liquids

47-6-23/37

can be shown. This method is widely used at various building sites. The sinking of the rod by its own weight (Fig. 2) is explained by the fluidity of vibrating earth.
There is one Russian reference.

ASSOCIATION: Pedagogical Institute, Shuya (Pedagogicheskiy Institut, Shuya)

AVAILABLE: Library of Congress

Card 2/2

POLIKANOV, A.A., dots.; MANEYEV, G.S., dots.

Pedagogical insitutes give a broader training for the teaching of technical subjects. Politekh. obuch. no.1:68-73 Ja '58. (MIRA 10:12)

1. Zamestitel' direktora po uchebno-nauchnoy rabote Shuyskogo gosudarstvennogo pedagogicheskogo instituta (for Polikanov). 2. Zaveduyushchiy kafedroy fiziki Shuyskogo gosudarstvennogo pedagogicheskogo instituta (for Maneyev).

(Teachers, Training of) (Technical education)

IVANOVA, A.; MANEYEV, P.

Active participation of factory collectives. Sots.trud no.12:
104-113 D '58. (MIRA 13:4)

1. Predsedatel' komissii zarabotnoy platy zavkoma Zavoda im.
Vladimira Il'icha (for Ivanova). 2. Predsedatel' komissii zarabotnoy
platy komiteta profsoyuza Kuznetskogo metallurgicheskogo kombinata
(for Maneyev).
(Steel industry--Production standards) (Wages)
(Electric industries--Production standards)

ИВАНЕЗ, Х. Е. В. А., М. С.

30(4) PHASE I BOOK EXPLOITATION SOV/2799
Moscow. Publichnaya biblioteka. Nauchno-metodicheskiy kabinet
vedeniya

Nauchno-tekhnicheskoye zhurnaly v masovye sborniki materialov v
pomoshch' masovym bibliotekam (Scientific and Technical
Aid of Public Libraries) Moscow, 1958. 195 p. Errata
slip inserted. 15,000 copies printed.

Compilers: O. S. Multanovskaya and V. V. Meyman; Ed.: D.
Yagudina, Candidate of Pedagogical Sciences; Tech. Ed.:
L. M. Khelenskaya.

PURPOSE: This book is intended for librarians.

COVERAGE: This collection of articles reviews popular
scientific and technical literature to aid public library
workers in disseminating science information to the reading
public. The role and significance of principal industries
in the technological development of the USSR are covered.
The last two articles describe the experience of individual
libraries in promoting popular-science books. The appendix
gives a list of bibliographic aids for popular-science
literature. No personalities are mentioned.

Multanovskaya, O. S. Automatic Machines as Aids to Human
Labor

Meyman, V. V. Chemistry Around Us 98

Meyman, V. V. Atomic Energy for the Welfare of the Nation 109

K. Salimova, S. M. Industry for Agriculture. Materials for
an "Evening Devoted to Books" 119

Manchevskaya, N. S. Propagation of Economic Knowledge
Among Readers 131

Yankelovich, Ya. I., and S. M. Naykovich. Experience
in Disseminating Scientific and Popular Literature by
the Zagorsk Library in Moscow Oblast 143

Zlotnikov, V. G. Natural Sciences as an Aid to Collective
Farming. From the work experience of the Malyye
Mytishchi Rural Library of Moscow Oblast 160

Appendix: List of Bibliographic Aids 175

AVAILABLE: Library of Congress (Z7911 .M58)
193

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JO/amb
1-6-60

MANFANOVSKIY, A.Ye.

Use of dephlegmators in the purifying column of been rectification
units. Spirt.prom. 27 no.3:21-22 '61. (MIRA 14:4)
(Distillation apparatus)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001032120014-7

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001032120014-7"

1. GALKIN, I. S.; MANFRED, A. Z.
2. USSR (600)
4. Europe - Revolutions
7. Revolutions of 1848-1849. Vols. 1, 2. Reviewed by I. S. Galkin, A. Z. Manfred.
Vop. 1st, No. 3, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

82 MINIFRED, O.

B-III

Catalysis, colloids, microchemistry, and soil cultivation. O.
Mangin (C. R. Acad. Sci. Paris, 1952, 283, 85-88).---The supposed beneficial
effects of a plough coated with Cu sheet are due to a catalytic effect
of Cu on certain microbiological surface reactions, rather than to its
nutritional action. A. R. PHARSON.

CONFIDENTIAL

"Operational accounts" in the "The East Journal" as reg. p. 31. T BDTAKSLING.
Vol. 7, no. 10, Oct. 1953, Budapest, Hungary.

11: Monthly list of the "East European" accessions, 10, Vol. 3, n. 1, April 1954.

1974, 7.

Common work of Hungarian and Slovak ethnographers. p. 167 (Etnographia Vol. 62 no 1/2, 1956 Budapest)

SO: Monthly List of East European Accession (LH/L) LC. Vol. 6 no. 7, July 1957, Incl.

1472A, J.

Reminiscences of the Turkish wars in the Slovak folk songs of Hungary. p. 241
(Ethnographia Vol. 67, no. 2, 1956 Budapest)

SO: Monthly List of East European Accession (1951) 13. Vol. 6 no. 7, July 1957, Incl.

MANGA, J.

Wedding customs of the Falcoz and their Slovak analogies

p. 1-8, (ACTA ETHNOGRAPHICA) Vol. 6, no. 1/2, 1977, in German
Budapest, Hungary

See: Monthly Index of East European Abstracts (MIEA) Vol. 1, No. 1,
March 1980

MANGALIK, V.S., doktor; GUPTA, N.P., doktor

Ancient Indian medicine and its contribution to the general theory
of medicine. Sov.med. 22 no.1:149-153 Ja '58. (MIRA 11:4)

1. Iz departamenta patologii i bakteriologii meditsinskogo
kolledzha Universiteta v Laknau, Indiya.

(HISTORY, MEDICAL

in ancient India, role in theory of modern med. (Rus))

MANGALIN, E.G.; Primal uchastiye: PIL'SHEVSKIY, R.M.

Transfer of hot bitolylmethane. Khim. prom. no. 4:304-306
Ap '64. (MIRA 17:7)

MANGALIS, I. K.

MANGALIS, I. K.: "Spruce plantings in the Latvian SSR and their evaluation for the forest economy". Riga, 1955. Min Higher Education USSR. Latvian Agricultural Academy.
(Dissertation for the Degree of Candidate of AGRICULTURAL Sciences)

SO: Knizhnaya Letopis' No. 51, 10 December 1955

FAL'KEVICH, A.S.; MANGASAROV, R.A.

Efficient conditions for the use of carbon dioxide cylinders.
Avtom. svar. 17 no.7:77-78 J1 '64. (MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'-
stvu magistral'nykh truboprovodov.

DIKOVSKIY, A.M.; MANGASAROVA, A.A.

Study of brucellosis among parturients. Med.zhur.Uzb. no.1:35-37
Ja '59. (MIRA 13:2)

1. Iz kafedry infektsionnykh bolezney (zaveduyushchiy - dotsent
A.M. Dikovskiy) i akushersko-ginekologicheskoy kliniki (zavedu-
yushchiy - prof. G.I. Ioffe-Golubchik) Samarkandskogo gosudarst-
vennogo meditsinskogo instituta imeni I.P. Pavlova.
(BRUCELLOSIS) (PREGNANCY)

KHATSKEVICH, N.I.; MANGASAROVA, A.G.

Minor elements in the formation waters of Azerbaijan petroliferous
series. Trudy AzNII DN no.4:310-316 '56. (MIRA 14:4)
(Azerbaijan--Oil field brines) (Trace elements)

MANGASAROVA, L.

In the scientific and technical library. Izv.vys. ucheb. zav.; neft'
1 gaz no.4:133 '58. (MIRA 11:9)

1. Direktor Respublikanskoy nauchno-tekhnicheskoy biblioteki
Gosudarstvennogo nauchno-tekhnicheskogo komiteta Soveta Ministrov
Azerbaydzhanskoy SSR.

(Azerbaijan--Libraries)

NEGREYEV, V.F.; FARKHADOV, A.A.; KYAZIMOV, A.M.; MANGASARYAN, N.A.

Cathodic protection of refrigeration condensers. Azerb. neft.
khoz. 39 no.2:38-40 F '60. (MIRA 14:8)

(Cathodic protection)

(Refrigeration and refrigerating)

DALIN, M.A.; SEREBRYAKOV, B.R.; MANGASARYAN, N.A.; ABAYEV, G.N.;
VALLERSHTEYN, A.S.

Synthesis of acrylonitrile by oxidative ammonolysis of propylene
in a fluidized catalyst bed. Azerb.khim.zhur. no.4:28-33 '65.
(MIRA 18:12)

1. VNIIOlefin. Submitted August 16, 1964.

MANGAZEYEV, Aleksandr Sergeyevich

[Vegetable gardening in the seven-year plan] Ovoshchevodstvo
v semiletke. Moskva, Gos.izd-vo selkhoz.lit-ry, 1959. 93 p.
(MIRA 13:6)

(Vegetable gardening)

S/035/59/000/003/036/039
A001/A001

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, No. 3,
p. 98, # 2363

AUTHOR: Mangazeyev, V. Ya. 12

TITLE: An Experience in Application of the Stereophotogrammetric Method to
Mapping the Underwater Relief

PERIODICAL: Tr. Irkutskogo gorno-metallurg. in-ta, 1958, No. 15, pp. 129-132

TEXT: The author describes the experience of studying the bottom relief
of a shallow reservoir by means of the stereophotogrammetric survey. In 1955
the author compiled the plan on the 1:5,000 scale of shallow sections of the
Baikal Lake with a total area of 3.5 km². The work was done in the Institute
of Geology of VSE AS USSR on the basis of aerial photographs of 30 x 30 cm size
taken with an AFA-33 (AFA-33) camera with F = 200 mm on the 1:5,500 scale. ✓
Nine stereograms were processed. From 30 to 40 points were determined on each
stereogram for drawing isobaths. Measurements were made on a CK-3 (SK-3)
device on glass diapositives decreased to the 18 x 18 cm size. The plan position

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An Experience in Application of the Stereophotogrammetric Method to Mapping
the Underwater Relief

of the points was determined by graphic phototriangulation from the main points. Differences in the plan between reference points and their photogrammetric positions did not exceed 0.4 mm. Depths were calculated by the method of undistorted model with construction of double stereomodels. Geodetic orientation was carried out on the basis of the field examination points. The points in which the measurements of depths were actually performed were used for the control. The drawing of isobaths with intervals of 2 m was performed under a stereoscope on the contact imprints. The transfer of isobaths from the photographs on the plan was done on FTB. It is noted that the maximum depth with a sufficiently clear bottom image turned out to be 16-18 m. The accuracy of depth determination, deduced from the comparison of geodetic and photogrammetric values in 28 points, was equal to ± 0.6 m. The labor efficiency attained and accuracy show that the stereophotogrammetric method can be successfully applied to mapping the undergater relief of shallow reservoirs. ✓

V. S. Mil'ner

Translator's note: This is the full translation of the original Russian
abstract.

Card 2/2

MANGAZEYEV, V.Ya.

Modernized M.D.Konshin's profilograph and its possible use in plotting wave profiles. Izv.vys.ucheb.zav.; geod.i aerof. no.1:105-107 '61. (MIRA 14:6)

1. Laboratoriya aerometodov AN SSSR.
(Aerial photogrammetry) (Waves)

MANGAZEYEV, V.Ya. (Irkutsk)

Some results of aerial stereophotography of sea waves. Okeanologiya
3 no.6:1094-1098 '63. (MIRA 17:4)

MANGEL, A.; POSPISIL, Z.

Effect of organic substances on deflocculation of kaolin suspensions.
Silikaty 7 no.2:135-138 '63.

1. Vyzkumny ustav elektrotechnicke keramiky, Hradec Kralove.

MANGEL, Alexander

Relation between the size of surface and sorption capacity of
the Sedlec IA kaolin fractions. Silikaty 8 no. 2:157-164 Ap '64.

1. Research Institute of Electrotechnical Ceramics, Hradec Kralove.

MANGEL, J.

A meeting of the engineers of the Hungarian State Railways. n. 561.

KOZLEKEDESTUDOMANYI SZEMLE. Budapest, Hungary. Vol. 9, no. 11, Nov. 1959.

Monthly List of East European Accessions (BEAT), IC, Vol. ~~XXXXXX~~ 9, no. 2, Feb. 1960.
Uncl.

MANGEL, Janos; SZONYI, Laszlo

Reconstruction of the Szekesfehervar and Budapest-Ferenc-varos
yards. Vasut 13 no.1:20 30 Ja '63.

MANGEL, Janos

Modernization of locomotive enginehouses and workshops in
France. Vasut 13 no.10:9 0 '63.

MAYGALL, James

Modernization of railroad railroads at Washington, D.C.,
no. 1011 Mr. 164.

MANUAL, .

Information on the use of the manual is given in the following table.

MANGEL, Janos

Erecting tower houses in the airspace of the railroad stations
of large cities. Vasut 14 no.11:29-30 N '64.

E/507/61/011/032/000/006
D271/D303

AUTHOR: Mangel, K.

TITLE: Elimination of interference caused by radar stations

SOURCE: Warsaw. Przemyslowy Instytut Telekomunikacji. Prace.
v. 11, no. 32/33, 1961, 93 - 98

TEXT: The method used for eliminating radio interference caused by a radar air space surveillance station is described, and some recommendations are given regarding the design and installation of radar equipment. Main characteristics of the radar station were: pulse width - 30 sec., wavelength - 20 cm, pulse repetition rate - 10 pps, pulse power - 0.6 - 0.8 MW. A 20 m high radar mast was only 100 m distant from the antennas of the communication receivers. A Soviet interference meter type IF-12M was used, with a vertically polarized rod antenna. The process of gradual elimination of interference consisted of the following steps: Earthing was improved, a capacity filter was inserted into the main 3-phase power supply to the radar equipment, LC filters were inserted into the power supply.

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F/507/b:011/032/006/100
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to the modulator and lead-through capacitors into all leads to the modulator bay, all cables between the modulator and the transmitter and power supply were replaced by screened types. At this stage direct radiation became the major part of the interference. The waveguide line from the transmitter to the antenna was interrupted by a contactless choke and lead-through capacitors, in a shielded mounting, were brought into all leads joining the antenna mast equipment with the main building. Finally, receiving antennas were moved some 250 m away and connected to the receivers by co-axial cables. Among the anti-interference constructional recommendations are: Good shielding of equipment bays, with a careful attention paid to contact in doors and removable panels as hinges and screws give insufficient contact, thin copper sheets inside the bays, separation by shields of the transmitter compartment from other equipment, the use of screened cables throughout, LC and lead-through capacitor filters, the shape of the modulating pulse to be as good as possible, receiving antennas to be far away from the radar equipment, the waveguide leading to the antenna to be provided with a contactless choke, tubing used for ancillary services, e.g. lighting, to be well-jointed and grounded near the equipment, ventilation pipes

Card 2/3

Elimination of interference caused ...

P/507/61/011/032/006/006
D271/D503

should include non-conducting sections, the screen of the radio display tube should be metallized. There are 4 figures and 5 references: 3 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: Pulse generators MIT, v. 5; L.W. Thomas, RFI check-list, Electronics Design, February 1960.

SUBMITTED: April 25, 1960

Card 3/3

L 24710-65 EEO-2/EWT(d)/EEC-4/EED-2 Pn-4/Po-4/Pp-4/Pq-4/Pg-4/Pk-4/Pl-4
IJP(c) BC

AM4046731

BOOK EXPLOITATION

Mangel, Krzysztof (Master in Engineering)

Radio aids to air navigation (Urządzenia radio-nawigacyjne komunikacji lotniczej)
Warsaw, WMON, 1964. 0179 p. illus., biblio. 1,500 copies printed.

TOPIC TAGS: air radio navigation, radio direction finder, Tacan system, Decca Navigator system, Consol system, Loran system, Decca system, Delrac system, Navarho system, traffic control radar, radio altimeter, Autoland landing system, Flore-scan landing system, blind landing system

PURPOSE AND COVERAGE: This book is intended for engineers and technicians concerned with radio aids to aerial navigation and air traffic control. It may also be useful for students of technical schools of higher education as supplementary material in the study of radio navigation and radar fundamentals. The book describes modern basic radio aids to aerial navigation and to air traffic control used in accordance with the requirements and technical instructions of the International Civil Aeronautics Organization (ICAO). Some prospective solutions to problems in this field are discussed.

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AVAILABLE Library of Congress

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OTHER: 084

Card 4/4

MANGER, N.

Synthetic studies in the chloramphenicol series. III. Synthesis of three *nt*-chloramphenicol from *nt*-serine ethyl ether. D. Flet, B. Palenović, R. Marušić, and N. Manger ("Pliva" Zagreb, Yugoslavia). *Arhiv Kem.* 27, 1-8 (1955) (in English); *Ch. C.A.* 50, 8645. A mixt. of 2.2 g. *o*-C₆H₄(CO)₂NCH(CH₂OEt)Bz (I), 4.15 g. (iso-PrO)₂Al and 40 ml. iso-PrOH was heated 7 hrs. in an oil bath under partial reflux, iso-PrOH removed *in vacuo*, 20 ml. C₆H₆ and a soln. of 30 g. tartaric acid in 50 ml. H₂O added to the residue, the aq. layer sep'd. and extd. with three 10-ml. portions of C₆H₆, the exts. dried and evapd. to leave 2.2 g. crude *o*-C₆H₄(CO)₂NCH(CH₂OEt)CH(OH)Ph (II) (all. compds. reported are of *nt*-three series); crystd. from 8 ml. EtOH 1.45 g., m. 153-5°; analytical sample m. 156-7° (from EtOH). An analogous prepn. from crude I gave II in 17.2% yield [calcd. on *o*-C₆H₄(CO)₂NCH(CH₂OEt)COCl]. A mixt. of 10 g. II, 19 ml. C₆H₆N and 30 ml. Ac₂O let stand overnight, poured on 240 g. ice, extd. with EtOAc, the exts. washed with three 10-ml. portions of 25% H₂SO₄, then with NaHCO₃ soln., dried and evapd. gave 12.2 g. of an oil, which, dissolved in 30 ml. EtOH and kept overnight in an icebox, yielded 10 g. *o*-C₆H₄(CO)₂NCH(CH₂OEt)CH(OAc)Ph (III), m. 90-1° b.p. 200-10°. A mixt. of 2.5 g. III, 35 ml. abs. EtOH, and 0.85 ml. 80% NaOH soln. was refluxed 1 hr., evapd. *in vacuo*, the residue heated 10 min. with 25 ml. N HCl at 50°, let stand 30 min., the theoretical amt. of phthaloylhydrazide

CH (IV) filtered off, the filtrate refluxed 1.5 hrs., cooled with ice, alkalinized with 20% NaOH soln., extd. with eight 20-ml. portions of EtOAc, and the extract dried and evapd. *in vacuo* to leave 1.32 g. PhCH(OH)CH(NH₂)CH₂OEt (V), b.p. 110-20°. To 18 ml. of fuming HNO₃, 4.6 g. III was added during 15 min. at -20°, the mixt. kept 35 min. at room temp., quenched on 150 g. of ice, neutralized with NaHCO₃, extd. with EtOAc, and the ext. washed with H₂O, dried, and evapd. *in vacuo* to leave 5.12 g. of a semicryst. product, which crystd. from 50 ml. EtOH yielded 3.9 g. *o*-C₆H₄(CO)₂NCH(CH₂OEt)CH(OAc)C₆H₄NO₂-*p* (VI), m. 110-20°, analytical sample m. 129-31° (softens at 110°) (from EtOH, then Me₂CO-petr. ether). III (5 g.) refluxed 2 hrs. with 14.5 ml. N NaOH, H₂O soln. in abs. EtOH, cooled, IV filtered off and washed with 10 ml. CH₂Cl₂, the filtrate evapd. *in vacuo*, the residue dissolved in 20 ml. CH₂Cl₂, kept 2 hrs. in ice to sep. addnl. IV (total yield 92%), and the CH₂Cl₂ soln. evapd. *in vacuo* to leave 3.56 g. of an oil which was dissolved in 2.4 ml. C₆H₆N, 2.4 ml. Ac₂O added, let stand overnight, poured on 30 g. ice, extd. with five 5-ml. portions of EtOAc, and the exts. washed with 10% H₂SO₄ and NaHCO₃ soln., and evapd. *in vacuo* to give 4.2 g. of an oil; crystd. from 15 ml. EtOH gave 3 g. PhCH(OAc)CH(NHAc)CH₂OEt (VII), m. 87-0° (sublimed at 100-10°/0.04 mm.). VII (1.2 g.) added to 4.6 ml. fuming HNO₃ during 20 min. at -20° to -15°, let stand 30 min., poured on ice, neutralized with NaHCO₃,

(3)

(OVER)

extd. with EtOAc, and the ext. dried and evapd. *in vacuo* gave 1.4 g. of a yellow oil (VIII), which was heated 2.5 hrs. with 12 ml. 5% HCl on a steam bath, evapd. *in vacuo*, the residue dissolved in 4 ml. 48% HBr, evapd. *in vacuo* and the residue crystd. from EtOH-Et₂O to give 0.42 g. *p*-O₂NC₆H₄CH(OH)CH(NH₂HBz)CH₂OEt (IX), m. 103-4.5°. IX was prepd. also in 0.4-g. yield by refluxing 2 g. crude VI with 5.2 ml. *N*-NH₄H₂O soln. in abs. EtOH during 1.5 hrs., dilg. with 8 ml. abs. EtOH, cooling, sepg. IV as above, evapg. the filtrate, refluxing the residue with 20 ml. 5% HCl 2.5 hrs., cooling, extg. with Et₂O, evapg. *in vacuo*, treating the residue with 4 ml. 48% HBr, allowing to stand for 2 days and crystg. from EtOH-Et₂O. VIII gave after heating with 5% HCl, alkalization, extn. with EtOAc and evapn. *p*-O₂NC₆H₄CH(OH)CH(NH₂)CH₂OEt, b.p. 140-50°. A mixt. of 13.5 ml. 48% HBr and 1.5 g. IX was heated 30 min. at 130° and 1 hr. at 120° in a sealed tube; evapd. *in vacuo*, the residue dissolved in 8 ml. H₂O, alkalinized with concd. NH₄OH, extd. with 100 ml. EtOAc, the ext. dried and evapd. *in vacuo*, and the residue (0.024 g.) crystal. from 10 ml. H₂O to give 0.72 g. *p*-O₂NC₆H₄CH(OH)CH(NH₂)CH₂OH, m. 140-1°, which refluxed with excess ClCHCO₂Me gave *o*-threo-chloramphenicol, m. 150-1°. E. Gušak.

MANGERON, D.

Seventh Congress of Theoretical and Applied Mechanics, Bombay,
December 23-26, 1961. Studii cerc mec apl 14 no.2:467-471 '63.

1. Institutul Politehnic, Iasi.

MANGERON, D.

"Rational mechanics" by Bruno Finzi. Vols. 1-2. Reviewed by
D. Mangeron. Studii cerc mec apl 14 no.2:483 '63.

MANGERON, D., prof.univ.(Iasi); CROITORU, Elena, ing., asistent (Iasi)

Some kinematic characteristics of conics. Gaz mat fiz 15
no.3:113-120 Mr '63.

March 11, 1961

Thirtieth International Congress of Mathematicians, September
24-29, 1961, Warsaw, Poland. (See also page 1217-1220)

1. International Congress of Mathematicians

MANGERON, D.; SESTOPAL, A.F.

Application of the method of reflection and the method of expansion of Green's function in series of fundamental solutions of the problems of technical mechanics vibrations. Bul Inst Politeh 25 no.6:13-28 N-D '63.

1. Polytechnic Institute, Iasi (for Mangeron).
2. Academy of Sciences of the Ukrainian S.S.R., Kiev (for Sestopal).

MANGERON, D.; BOGDAN, R.C.

Second General Conference on the Dynamics of Machines
in Czechoslovakia, October 18-20, 1961, Smolenice.
Studii cerc mec apl 15 no.1:259-262 '64.

ACCESSION NR: AP4042090

R/0008/64/015/002/0289/0296

AUTHOR: Mangeron, D., Sestopal, A. F. (Shestopal, A.F.)

TITLE: The problem of the spectra of triangular plates

SOURCE: Studii si cercetari de mecanica aplicata, v. 16, no. 2, 1964, 289-296

TOPIC TAGS: Green function, triangular plate, vibrating system, characteristic oscillations

ABSTRACT: Starting from results published earlier, the authors develop the Green functions corresponding to linear operators with partial derivatives in series of fundamental solutions, determining the characteristic values (spectrum) and characteristic functions of plates in the shape of equilateral triangles or of triangles resulting by the division of an equilateral triangle into two equal parts. The mathematical derivation is shown to consist essentially of analysing a known differential system as defined by

$$\nabla^4 \nabla^4 w - \lambda^4 w = 0,$$

(1)

and

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$$\omega|_s = 0, \quad \frac{d\omega}{dn}|_s = 0, \quad (2)$$

Using the differential operator

$$\nabla^2 \nabla^2 - \lambda^2, \quad (3)$$

it is shown that the Green function has the form

$$+ \frac{8}{9\sqrt{3}a^2} \sum_{n,k=1}^{\infty} \frac{1 + \cos(n-k)\pi}{\frac{4n^2\pi^2}{9a^2} + \frac{4k^2\pi^2}{3a^2} - \lambda^2} [\psi_{in}(x_1, x_2) \psi_{in}(\xi, \eta) + \psi_{in}(x_1, x_2) \psi_{in}(\xi, \eta)], \quad (15)$$

Applying these results to plates obtained by dividing equilateral triangles into equal halves leads to characteristic values

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$$v_{in}^2 = \left(\frac{4 n^2 \pi^2}{9 a^2} + \frac{4 k^2 \pi^2}{3 a^2} \right)^2, \quad (22)$$

and characteristic solutions

$$[1 + \cos(n - k) \pi] [\psi_{in}(x_1, x_2) - \psi_{in}(a - x_1, x_2)] \quad (23)$$

and

$$[1 + \cos(n - k) \pi] [\psi_{in}(x_1, x_2) - \psi_{in}(a - x_1, x_2)]. \quad (24)$$

ASSOCIATION: none

SUBMITTED: 05Nov63

ENCL: 00

SUB CODE: MA, GP

NO REF SOV: 006

OTHER: 011

Card 3/3

MANGERON, D.; JASIULIONIS, A.; MATEESCU, Lilliana

New matrix methods for studying mechanisms and machines. Pt. 1.
Rev mec appl 9 no.4:869-881 '64.

1. Polytechnic Institute, Iasi (for Mangeron). 2. Lithuanian
Academy of Agricultural Sciences (for Jasiulionis). 3. "Al. I.
Cuza" University, Iasi (for Mateescu).

MANGERON, D.; KRIVOSEIN, L.E. [Krivoshein, Leonid Yevgen'yevich]

Contributions to the study of polyvibrant equations. Pt. 2.
Studia cerc mat 16 no.8:967-985 '64.

1. Polytechnic Institute, Iasi (for Mangeron).
2. Academy of Sciences of the Kirghiz S.S.R. (for Krivosein).

MANGERON, D.; SESTOPAL, A. F. [Shestopal, A. F.]

Contributions to the study of Green's functions. Studii cerc mat
16 no.6:727-739 '64.

1. Polytechnic Institute, Iasi (for Mangeron). 2. Academy of
Sciences of the Ukrainian S. S. R. (for Sestopal).

MANGFRON, D.

Contributions to the study of polyvibrant equations, Pt. 1.
Studii cerc mat Ia no 24811-223 '64.

1. Polytechnic Institute, Iasi.

L 19376-63 EWT(d)/FCC(w)/BDS — AFFTC/IJP(C) Pg. 4 IJP
ACCESSION NR: AP3005416 C/0021/63/013/001/0063/0067

AUTHOR: Mangeron, D.; Krivoshein, L. Ye. (S) (R) ~~✗~~ B

TITLE: Qualitative study of a class of boundary-value problems for integro-differential equations and approximate determination of their solutions

SOURCE: Shu Hsueh Hsueh Pao, v. 13, no. 1, 1963, 63-67

TOPIC TAGS: boundary-value problem, integro-differential equation, approximate solution, resolvent kernel

ABSTRACT: Authors discuss within the scope of their study the approximate solutions under different boundary conditions or initial-value conditions for different classes of integro-differential equations (Bul. Inst. Polit. Iasi, s. n., 6, 10, 1960, fasc. 1-2, 17-28; *ibid*, fasc. 3-4, 21-30) or integro-differential equations with total derivatives (Bull. Acad. Polonaise des Sci., Sci. Math., IX, 10, 1961, 707-712; C. R. Acad. Sci., Paris, 1961, 253, no. 11, 1190-1192) the approximate solution of problem

$$L[y] = f(x) + P[y] + \lambda \int_0^x K(x, t) y^{(n)}(t) dt, \quad (1)$$

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$$R_i[y] = \int_c^d r_i(t) S[y] dt = \gamma_i \quad (i = 1, \dots, n) \quad (2)$$

where

$$L[y] = y^{(n)}(x) + \sum_{i=1}^n a_i(x) y^{(i-1)}(x),$$

$$P[y] = \sum_{i=1}^k b_i(x) \sum_{j=1}^r c_j(x_j) y^{(j)}(x_i) = \sum_{i=1}^k b_i(x) D_i[y],$$

$$S[y] = \sum_{i=0}^p d_i(t) y^{(i)}(t),$$

$a_i(x)$, $b_i(x)$, $c_j(x_j)$, $r_i(t)$, $d_i(t)$, $K_s(x, t)$ have known values, λ is a parameter, $x_1, \dots, x_k$ are points of line segment $[c, d]$ and $\{[a, x], [a, b]\} \subset [c, d]$, $d > c$. Authors studied problem (1), (2) in another article (A Magyar Tudomanyos Akademia Matematikai Kutato Intezetenek, Budapest, VI, s. A.) under the assumption of constructivity of the resolvent kernels of the equivalent integral equations corresponding to cases $u \equiv x, n \geq (m, p, r)$; $u \equiv x, p > (n, r, m)$; $u \equiv x, r > (m, n, p)$; $u \equiv x, m > (n, r, p)$; $u \equiv b, n \geq (m, p, r)$; $u \equiv b, m > (n, p, r)$ and others. In this article authors choose the

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ACCESSION NR: AP3005416

case $u \equiv b$, $n > (m, p, r)$ which is of special interest to applied science and give the calculation for the proposed problem. Authors also state that a similar method may be applied to the determination of approximate solutions for the cases of $m > (n, p, r)$; $p > (n, r, m)$ and $r > (m, n, p)$. Orig. art. has: 30 formulas.

ASSOCIATION: Iasi Institute of Polytechnics, Rumanian People's Republic (Mangeron, D.); National Frunze University, Kirgiz kaya SSR (Krivoshein, L. Ye.)

SUBMITTED: 30Nov61

DATE ACQ.: 26Aug63

ENCL: 00

SUB CODE: MM

NO REF SOV: 004

OTHER: 007

Card 3/3

MANZHERON, D. [Mangeron, D.] (Iasi); KRIVOSHEIN, L.Ye. (Frunze)

Certain questions of solving boundary problems for linear integral and differential equations in partial derivatives with the M. Picone higher derivative. Bull math Rum 6 no.3/4:175-193 '62 [publ. '64].

1. Submitted January 1, 1963.

MANGORON, F.

Study of the effect of the addition of a small amount of
analyte to the sample.

1. Polyethylene

MANGERON, D.; KRIYOSHEIN, L.E.

New methods of numerical calculation for the solutions of various integrodifferential systems. Pt.1. *mat mek appl* Roum 9 no.6:1195-1221 '64.

1. Polytechnic Institute, Iasi (for Mangeron). 2. Academy of Sciences of the Kirghiz S.S.R. (for Kriyoshein).

MANGERON, D ; SESTOPAL, A.F.

Problem of the triangular plate spectra, Studi sero meo apl
15 no.2:289-296 '64.

1. Polysachnic Institute, Iasi (for Mangeron). 2. Ukrainian
Academy of Sciences, Kiev. (for Sestopal). Submitted November
5, 1963

MANDELSON, ...

... in the light of the fact that ...

... in the light of the fact that ...

MANGERON, D.; KRIVOSEIN, L.E. [Krivoshein, L.Ye.]

New methods of numerical calculation of solutions of the integrodifferential different systems concerning applied mechanics. Pt.1. Studii cerc mec apl 17 no.6:1345-1372 '64.

1. Polytechnic Institute, Iasi (for Mangeron). 2. Academy of Sciences, Kirghiz S.S.R. (for Krivosein). Submitted March 30, 1964.

MANGERON, D.

Contributions to the nonlinear mechanics of vibrations. Bul
Inst Politeh 26 no.2:17-27 Mr-Apr '64.

1. Polytechnic Institute, Iasi.

MANGERON, D.; SILAS, Gh.; TUTUNARU, D.

Third International Conference on the Machine and Mechanism
Theory, September 4-8, 1963, Miskolc, Hungary. Studii cerc
mec apl 16 [i.e. 15] no.3:787-792 '64.

L 64706-65 EWT(d) IJP(c)

ACCESSION NR: AP5012161

RU/0019/65/010/001/0003/0034
518; 621.01

AUTHOR: ^{44,55} Mangeron, D.; ^{44,55} Krivoshein, L. E.

TITLE: New methods of numerical calculation of the solutions of various integro-differential systems applicable in applied mechanics. II. Polylocal ordinary integro-differential systems

SOURCE: ^{16,44,55} Revue Roumaine des sciences techniques. Serie de mecanique appliquee, v. 10, no. 1, 1965, 3-34

TOPIC TAGS: integrodifferential equation, ordinary differential equation, numeric solution

ABSTRACT: This work is a continuation of a study on numerical solutions for various integro-differential systems. The existence, uniqueness and stability of solutions to polylocal integro-differential systems are briefly discussed. New numerical methods are proposed for the solution of linear and nonlinear systems of the form

$$T_j[y] \equiv \sum_{i=0}^{n-1} [a_{ij} y^{(i)}(a) + b_{ij} y^{(i)}(b)] - \sum_{i=0}^{n-2} \sum_{k=1}^n c_{ijk} y^{(i)}(x_k) = 0^{(n)} \\ (j = 1, 2, \dots, n),$$

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$$L[y, \lambda] = f(x) + \lambda \int_a^b \sum_{i=1}^n K_i(x, t) y^{(i)}(t) dt ;$$

$$T_j[y] \equiv \sum_{i=0}^{n-1} [a_{ij} y^{(i)}(a) + b_{ij} y^{(i)}(b)] - \sum_{i=0}^{n-1} \sum_{k=1}^r c_{ijk} y^{(i)}(x_k) = 0$$

(j = 1, 2, ..., n),

$$L[y, \lambda] = f(x) + \lambda \int_a^b D(x, t) f_1[t, y(t)] dt,$$

where $f_1[t, y(t)]$ is a non-linear function of $y(t)$;

$$L[y, \lambda] = f(x) + \lambda \int_a^b D(x, t) f_1[t, y(t)] dt,$$

where $f_1[t, y(t)]$ is a non-linear function of $y(t)$;

$$d_i = \omega_i(\lambda) + \sum_{k=1}^r \omega_{ik}(\lambda) d_{r+k}, \quad k = n-r (i = 1, 2, \dots, r).$$

The proposed methods include polynomial analysis using Kantorovich and Bernstein polynomials, and taking the derivative with respect to a parameter. The methods

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ACCESSION NR: AP5012161

presented (with the exception of linearization and taking the derivative with respect to a parameter) will be used in future papers for solving other boundary problems. Orig. art. has: 158 equations.

ASSOCIATION: Mangeron ^{44, 85} Iasi Polytechnical Institute; Krivoshain ³ Academy of Sciences of the Kirghizian Soviet Socialist Republic

SUBMITTED: 16Apr64

ENCL: 00

SUB CODE: MA

NO REF SOV: 011

OTHER: 033

Card 3/3